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quaternary ammonium group and (ii) at least one additional monomer chosen from acrylamide, methacrylamide, alkyl acrylamides, dialkyl acrylamides, alkyl methacrylamides, dialkyl methacrylamides, alkyl acrylate, alkyl methacrylate, vinyl caprolactone, vinyl pyrrolidone, vinyl esters, vinyl alcohol, maleic anhydride, propylene glycol, and ethylene glycol.

**IN THE CLAIMS:**

Please replace claims 19, 22, 23, 36, 78, 81, 82, 95, 128, 131, 132, 145, 175, 178, 179, 192, and 205 with amended claims 19, 22, 23, 36, 78, 81, 82, 95, 128, 131, 132, 145, 175, 178, 179, 192, and 205 as follows:

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19. (Amended) A composition according to claim 17, wherein said tetroses are erythrulose.

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22. (Amended) A composition according to claim 21, wherein said trioses are glyceraldehyde.

23. (Amended) A composition according to claim 21, wherein said trioses are dihydroxyacetone.

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36. (Amended) A composition according to claim 1, wherein said at least one compound is substituted with said at least one C<sub>1</sub> to C<sub>22</sub> carbon chain at a CH<sub>2</sub> position of said C<sub>3</sub>-C<sub>5</sub> monosaccharides.

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78. (Amended) A method according to claim 76, wherein said tetroses are erythrulose.

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81. (Amended) A method according to claim 80, wherein said trioses are glyceraldehyde.

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82. (Amended) A method according to claim 80, wherein said trioses are dihydroxyacetone.

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95. (Amended) A method according to claim 57, wherein said at least one compound is substituted with said at least one C<sub>1</sub> to C<sub>22</sub> carbon chain at a CH<sub>2</sub> position of said C<sub>3</sub>-C<sub>5</sub> monosaccharides.

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128. (Amended) A method according to claim 126, wherein said tetroses are erythrulose.

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131. (Amended) A method according to claim 130, wherein said trioses are glyceraldehyde.

132. (Amended) A method according to claim 130, wherein said trioses are dihydroxyacetone.

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145. (Amended) A method according to claim 117, wherein said at least one compound is substituted with said at least one C<sub>1</sub> to C<sub>22</sub> carbon chain at a CH<sub>2</sub> position of said C<sub>3</sub>-C<sub>5</sub> monosaccharides.

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175. (Amended) A composition according to claim 173, wherein said tetroses are erythrulose.

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178. (Amended) A composition according to claim 177, wherein said trioses are glyceraldehyde.

179. (Amended) A composition according to claim 177, wherein said trioses are dihydroxyacetone.

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192. (Amended) A composition according to claim 167, wherein said at least one compound is substituted with said at least one C<sub>1</sub> to C<sub>22</sub> carbon chain at a CH<sub>2</sub> position of said C<sub>3</sub>-C<sub>5</sub> monosaccharides.

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